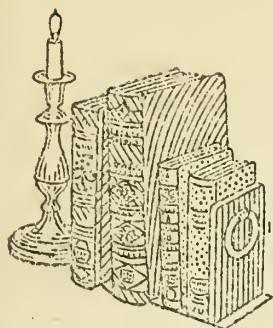


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AUG 12 1952

LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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Vol. 11, No. 1.

July 1952.

"Because human life is short and human memory even shorter, man has invented books and has made libraries the treasure houses of his spirit. In books he records his hard-won discoveries and hands on to future men the clue to which they tie the thread of their own newer discoveries."

The Honorable Joseph C. Grew in Books at Your Service, U. S. Naval Academy Library

NEW BOOKS IN THE LIBRARY

ADVANCES IN AGRICULTURE, edited by A. G. Norman. Academic Press, 1951. 361p.

30 A89

Contents: The subsoil. The management of alfalfa meadows. The chemistry of soil potassium. The changing pattern of agriculture in England and Wales. The adaptability and breeding of suitable grasses for the southeastern states. Chemical treatment of the soil for nematode control. Problems and progress of soil conservation in the United States. Irrigation, agriculture and soil research in the United States.

ALKALI SOILS: THEIR FORMATION, PROPERTIES AND RECLAMATION, by W. P. Kelley.

Reinhold, 1951. 176p. 56.33 K28

The main aspects of research on alkali soils since 1910 are described and the state of present knowledge on the subject is discussed. The chapter headings are: Origin and accumulation of salts in soils, Effects of salts and soils, Soluble salts and exchangeable bases of alkali soils, Formation of sodium carbonate and the evolution of alkali soils, Irrigation in relation to alkali soils, Alkali soils in relation to plant growth, and Reclamation of alkali soils.

FUNDAMENTALS OF SOIL SCIENCE, by C. E. Hillier and L. M. Turk. 2d ed. Wiley, 1951. 510p. 56 K613 Ed.2

"This thoroughly revamped second edition of a popular book gives a complete, accurate, and up-to-date treatment of fundamental principles of soil science. Each chapter has been modernized to give it new life and usefulness. The authors combine the fundamentals with the new concepts in their attempt to solve the basic problem of soil science -- how to utilize the soil to best advantage. Approaching the subject universally -- information is regionally restricted only where necessary -- the authors supply excellent illustrations and tabular

data to support their facts. There is a valuable Glossary of Soil Science for those who are not familiar with the terminology." From Albuquerque Branch Library's Newsletter.

GOOD LAND FROM POOR SOIL, by E. R. Hewitt. Trenton Printing Company, 1951. 137p. 56.6 H49

A former chemical engineer has put into this small book an account of his experiences renovating a worn out farm in the Catskill Mountains in the hope that it may help others with similar problems.

INSECT RESISTANCE IN CROP PLANTS, by R. H. Painter. Macmillan, 1951. 520p. 423 P16

"Improved insect-resistant varieties of major crops have been developed by the author and his co-workers during 25 years of experimentation. In this book he presents the results of that work and of similar work by other investigators. He explains all that is known about the mechanisms of resistance, the factors of both plant physiology and insect biology that enter into plant resistance to pests, and the developments in insect-resistant wheat, corn, cotton, and other important crops. He gives comparative data on control by insecticides and by plant resistance, and presents a useful summary of the methods and problems of breeding for insect resistance. This book, with its intensive bibliographies, will be highly valuable to all engaged in crop improvement and pest control." Publisher's announcement.

OUR GARDEN SOILS, by C. E. Kellogg. Macmillan, 1952. 232p. 56.34 K29

"In this book an internationally known expert on agricultural soils has written a readable, reliable and useful book for amateur gardeners. It contains just what the serious gardener needs to know on the general aspects of soils and gardening, such as organic matter, fertilizers, barnyard manure, drainage and even the starting and transplanting of seedlings. Finally, the particular climatic, light, moisture and soil preferences of common vegetables, fruits and flowers are stated concisely." From Library Journal, May 15, 1952.

SPRAYING, DUSTING AND FUMIGATING OF PLANTS: PRINCIPLES AND APPLICATIONS, by W. S. Hough. Rev. ed. Macmillan, 1951. 726p. 464.4: H81

A history of the development of pest control, including discussions on insecticides, fungicides, herbicides and materials used in protecting crops. It contains formulas and advice with types of equipment and use, and complete keys for diagnosing all kind of plant troubles.

BULLETINS

Agronomy

"B -400, A New, Early Variety of Winter Barley for Missouri." Mo. Agr. Expt. Sta. B. 569, 12p. 1952. 100 M693

"Corn Production in Texas." Tex. Agr. Expt. Sta. B. 746, 74p. 1952. 100 T31S

"Dwarf Kafir 44-14 and Redlan; Two New Combine-type Grain Sorghums." Okla. Agr. Expt. Sta. B. 384, 11p. 1952. 100 OK4B

"Effect of Minor Elements, Particularly Copper, on Peanuts." Fla. Agr. Expt. Sta. B. 494, 20p. 1952. 100 F66S 494

"Four Native New Mexico Plants of Promise as Oilseed Crops." N. Mex. Agr. Expt. Sta. Press B. 1064, 7p. 1952. 100 M46P 1064

Forestry

- "Blister-Shake of Yellowpoplar." West Va. Agr. Expt. Sta. B. 350T, 15p. 1952.
100 W52 350T
- "Effect of Black Walnut Trees and Their Products on Other Vegetation." W. Va.
Agr. Expt. Sta. B. 347, 31p. 100 W52 347
- "Forest Yield Taxes." USDA C. 899, 50p. 1952. 1 Ag84C 899
- "The Forests of Continental Latin America (Including European Possessions): A
Bibliography of Selected Literature, 1920-1950." USDA Biblio. B. 18, 193p.
1952. 1 Ag84Bi 18
- "A Method of Evaluating Forest Site Quality from Soil, Forest Cover, and Indicat-
or Plants." Northeastern Forest Expt. Sta. Sta. Paper 48, 12p. 1952.
1.9622 N2st22 48
- "Pruning Red Pine Plantations for Quality Lumber." Pa. Agr. Expt. Sta. B. 546,
10p. 1951. 100 P38 546

Homemaking

- "Dresses and Aprons for Work in the Home." USDA Farmers' B. 1963, 16p. 1952.
1 Ag84F 1963
- "Family Business Affairs." W. Va. Agr. Ext. Good Living Ser. 19, No. 4, 6p.
275.29 W522G
- "First Aid for Your Home." Minn. Agr. Ext. B. 265, 16p. 1951. 275.29 M66
- "Freezing Cooked and Prepared Foods." Pa. Agr. Ext. Serv. C.393, 14p. 1951.
275.29 P38C
- "A Fruit and Vegetable Buying Guide for Consumers." USDA Home & Garden B. 21,
61p. 1952. 1 Ag84Hg 21
- "Indoor Play Areas for the Preschool Child." Ariz. Agr. Expt. Sta. Tech. B.
126, 1952. 100 Ar4T 126
- "Living Happily Together." Okla. Agr. Ext. Serv. C. 440, 8p. 1952. 275.29
Ok41C 440
- "Managing the Home with Ease and Satisfaction." Minn. Agr. Ext. Folder 155.
1951. 275.29 M66
- "Proteins in Family Meals." W. Va. Agr. Ext. Good Living Ser. 19, No. 3.
1952. 275.29 W522G
- "Selecting and Making Curtains and Draperies." Minn. Agr. Ext. B. 264, 24p.
1951. 275.29 M66 264
- "Some Tests of Jacketed Space Heaters for Heating Small Farm Dwellings." Mo.
Agr. Expt. Sta. Res. B. 486, 40p. 1951. 100 M693R 486
- "Tasty Salads for Good Meals." Okla. Agr. Ext. C. 479, 15p. rev. 1952.
275.29 Ok41C 479
- "The Well-Groomed Homemaker." W. Va. Agr. Ext. Good Living Ser. 19, No. 2.
1952. 275.29 W522G
- "Windows: What You Can Do With Them." Pa. Agr. Ext. C. 386, 18p. 1951.
275.29 P38C

Horticulture

- "Chemical Weed Control in Horticultural Crops." Mo. Agr. Expt. Sta. B. 568, 28p. 1952. 100 M693 568
- "Control of the Purple Scale on Citrus with Parathion." USDA C. 896, 9p. 1952. 1 Ag84C 896
- "Diseases, Deficiencies and Injuries of Cabbage and Other Crucifers in Florida." Fla. Agr. Expt. Sta. B. 492, 63p. 1952. 100 F66S 492
- "The Effect of Growing Conditions on the Nutritive Value of Green Vegetables." Miss. Agr. Expt. Sta. C. 173, 11p. 1952. 100 M69C 173
- "How to Control Common Garden Insects." Ky. Agr. Ext. C. 479, 11p. rev. 1952. 275.29 K415 479
- "The Pea Weevil and Methods for its Control." USDA Farmers' B. 1971, 24p. rev. 1952. 1 Ag84F 1971
- "Propagation of Ornamental Plants." Fla. Agr. Ext. B. 150, 56p. 1952 275.29 F66

Livestock

- "Feeding, Care, and Management of Young Dairy Stock." USDA Farmers' B. 1723, 43p. rev. 1952. 1 Ag84F 1723
- "How To Control External Parasites of Livestock." Ky. Agr. Ext. C. 477, 10p. 1952. 275.29 K415 477
- "Year-Round Farm Beef Production, Beeville Station, 1950-51." Tex. Agr. Expt. Sta. Prog. Rpt. 1463, 4p. 1952. 100 T31P 1463

Soil

- "The Southeastern Soil Improvement Station, Heavener (Okla.): Summary of Results Field Day June 6, 1952." Okla. Agr. Expt. Sta. Mimeo. C. 14-235. 1952. 100 OK4M 235
- "Productive Soil." Ky. Agr. Ext. C. 463, 39p. rev. 1952. 275.29 K415 463

Wood & Brush Control

- "Mesquite Control: Cooperative Ranch Tests, 1950-51." Tex. Agr. Expt. Sta. Prog. Rpt. 1465, 10p. 1952. 100 T31P 1465
- "Southern Wood Conference Fifth Proceedings, 1952." Atlanta, Ga. 21 3p.
- "Reaction of White Brush to Growth-Regulator Herbicides." Tex. Agr. Expt. Sta. Prog. Rpt. 1462, 3p. 1952. 100 T31P 1462

Miscellany

- "Drawings of Ranch Equipment." N. Mex. Agr. Ext. C. 210, 24p. rev. 1952. 275.29 M463E 210
- "Effects of Certain Methods of Feeding and Managing Rabbits in Commercial Fryer Production." USDA C. 901, 16p. 1 Ag84C 901
- "The Efficiency and Cost of Collecting Eggs from Farms in Ohio." Ohio Agr. Expt. Sta. Res. B. 721, 19p. 1952. 100 OH3R 721
- "The Grassland-Livestock Handbook." Com. on Agr., Amer. petroleum Inst.
- "Greenhouse Construction and Heating." USDA Farmers' B. 1318, 38p. rev. 1952. 1 Ag84F 1318
- "A Multipurpose Spray Unit." Tex. Agr. Expt. Sta. Prog. Rpt. 1460, 5p. 1952. 100 T31P 1460